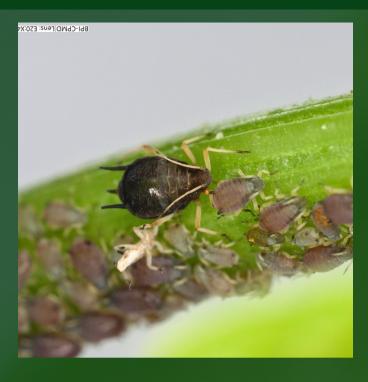
PESTrivia.







Scientific Names: Aphis gossypii (cotton), Aphis fabae (bean), Brevicoryne brassicae (cabbage) **Common Names:** Aphids **Local Name:** Apid, Aplat, Apaya, Kuto **Destructive Stage:** Nymphs and Adults **Crops Affected:** Papaya, cotton, Cucurbits (squash, cucumber, bittergourd, melon), Solanaceous (potatoes, tomatoes, eggplant, chili), Legumes (peas, beans, peanut)

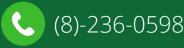








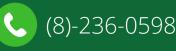
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Characteristic Damage:

- Leaves curl or stunted.
- Leaves and terminal shoots become stunted and fruit is scarred and deformed.
- Damage leaves generally show a darkened, glossy and pearly appearance.
- Sticky honeydew and or sooty mold can be seen on the leaves.
- Vector of virus diseases such as Potyvirus: Papaya Ringspot Virus (PRSV), Zucchini Yellow Mosaic Virus (ZYMV), Chilli Veinal Mottle Virus (ChiVMV), Luteovirus (CAYV/NMK) and Cucumovirus (CMV).





PEST MANAGEMENT RECOMMENDATIONS

How to manage?

- Use of sticky yellow color trap.
- Utilization of bio-control agents like earwig, coccinellid beetle, etc.
- Use of overhead irrigation to wash out aphids.
- Mulching to enhance the population of spiders.
- Use botanical extracts like neem, kakawate and hot pepper and canola oil.
- Use of FPA registered and recommended pesticides.

Source: Handbook of the Insect Pests and their Control in Selected Crops of Philippines. 2004 Biological Control Agent Mass Production and Utilization Technology Handbook. 2021. 1st edition



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